STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS AND MINING										AMENDED RE	FORM 3	
APPLICATION FOR PERMIT TO DRILL  1. WELL NAME and NUMBER Ute 22-6A-4-1												
2. TYPE OF WORK  DRILL NEW WELL ( REENTER P&A WELL ) DEEPEN WELL )								3. FIE	ELD OR WILDCAT			
4. TYPE OF		Oil W		d Methane Well:	,	<u> </u>		5. UN	IIT or COMMUNIT		EMENT N	AME
6. NAME OI	OPERATOR	Oli W	FINLEY RESOU		140			7. OF	PERATOR PHONE	817 231-8735	:	
8. ADDRES	S OF OPERATOR	D						9. OF	PERATOR E-MAIL			
	L LEASE NUMBER	₹	O Box 2200, Fort V	11. MINERAL O				12. S	URFACE OWNERS	on@finleyresou SHIP	rces.com	
		-Ĥ62-4901		FEDERAL ()	INDIAN	STATE (	) FEE(_)			IAN (III) STA		FEE ()
13. NAME (	OF SURFACE OW	NER (if box 12 = 'fo	ee')					14. 5	URFACE OWNER	PHONE (IT DOX	12 = 'tee')	1
15. ADDRE	SS OF SURFACE	OWNER (if box 12	= 'fee')					16. S	URFACE OWNER	E-MAIL (if box	12 = 'fee'	)
	ALLOTTEE OR TI = 'INDIAN') Ute II	RIBE NAME		18. INTEND TO MULTIPLE FORI YES (Su	MATIONS	PRODUCTION			RTICAL DIR	ECTIONAL 🗍	HORIZO	NTAL 🛑
20. LOCA	TION OF WELL		FO	OTAGES	0	TR-QTR	SECTION		TOWNSHIP	RANGE		MERIDIAN
LOCATION	I AT SURFACE		2239 FNI	_ 2134 FWL		SENW	22		4.0 S	1.0 E		U
Top of Up	permost Produci	ng Zone	2239 FNI	_ 2134 FWL		SENW	22		4.0 S	1.0 E		U
At Total D	epth		2239 FNI	_ 2134 FWL		SENW	22		4.0 S 1.0 E		U	
21. COUNT		IINTAH		22. DISTANCE T		LEASE LINE (Feet)  23. NUMBER OF ACRES IN DRILLING UNIT 40						
				25. DISTANCE T (Applied For Dr	illing or Con							
27. ELEVA	ΓΙΟΝ - GROUND L	<b>EVEL</b> 5254		28. BOND NUME	BOND NUMBER  RLB0011294				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496			
			1	Hole, C	asing, and	Cement Info	rmation					
String	Hole Size	Casing Size	Length	Weight	Grade	& Thread	Max Mu	d Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	13.375	0 - 60	48.0	H-4	0 ST&C	0.0	0 Class G		41	1.17	15.8
Surf	12.25	8.625	0 - 500	24.0	J-5	5 ST&C	8.6	3	Class G	359	1.15	15.8
Prod	7.875	5.5	0 - 8000	15.5	J-5	55 LT&C	9.5	5	50/50 Poz	873	1.24	13.2
					ATTAC	HMENTS						
	VERIFY	THE FOLLOWII	NG ARE ATTAC	HED IN ACCO	RDANCE W	ITH THE UTA	H OIL AND G	AS CON	ISERVATION GI	ENERAL RUL	ES	
<b>₩</b> WE	LL PLAT OR MAP	PREPARED BY LICI	ENSED SURVEYOR	OR ENGINEER		COMPLETE DRILLING PLAN						
AFF	IDAVIT OF STATU	S OF SURFACE OW	/NER AGREEMENT	(IF FEE SURFA	CE)	FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
DIRI	ECTIONAL SURVE	Y PLAN (IF DIREC	TIONALLY OR HO	RIZONTALLY DF	RILLED)	торо	GRAPHICAL MA	.P				
NAME Dor	n Hamilton			TITLE A	gent			PHONE	435 719-2018			
SIGNATUR	E			DATE 0	1/23/2013			EMAIL	starpoint@etv.net			
ı	er assigned 4753545000	00		APPRO	/AL		,	bol	Rejll			
								Perm	it Manager			

API Well Number: 43047535450000

# Finley Resources, Inc. UTE 22-6A-4-1 2239' FNL & 2134' FWL, SE/NW, Sec 22, T4S, R1E, U.S.B.&M. Uintah County, UT

#### **Drilling Program**

#### 1. Formation Tops

Surface	5,254'
Green River	2,315'
Black Shale	6,435'
Uteland Butte	6,884'
Wasatch	7,038'
TD	8,000'

#### 2. Depth to Oil, Gas, Water, or Minerals

Black Shale 6,435' - 6,884' (Oil) Uteland Butte 6,884' - TD (Oil)

Fresh water may be encountered in the Duchesne Formation, but is not expected below about 300'.

#### 3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter

Interm/Prod

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

#### 4. Casing

Daniel Marie	Interval		Weight	Coo de	C	Pore	MW @	Frac Grad	Safety Factors		
Description	Тор	Bottom	(ppf)	Grade	Coup	Press @ Shoe	Shoe	@ Shoe	Burst	Collapse	Tension
Conductor	0'	60'	48	H-40	STC				1,730	770	322,000
13 3/8	U	60	40	п-40	310						
Surface	0'	500'	24	J-55	STC	8.33	8.6	11	2,950	1,370	244,000
8 5/8	U	500	24	J-22	SIC	8.33	0.0	11	11.59	8.25	20.33
Production	0'	8 000'	15.5	J-55	LTC	9	9.5	11	4,810	4,040	217,000
5 1/2	U	0' 8,000'	13.5	J-33	LIC	9	9.3	1.1	1.63	1.28	1.75

API Well Number: 43047535450000

#### Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new. Top Joint of surface casing will be J-55 STC 32 ppf casing. All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

#### 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	ОН	Weight	Yield
300	Hole Size Fill		Sturry Description	sacks	excess	(ppg)	(ft <sup>3</sup> /sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello	48	15%	15.8	1.17
Colluctor	1/1/2	00	Flake	41	15%	13.0	1.17
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Flocele	413	100%	15.8	1.15
Lead	12 1/4	300	Class G w/ 2/0 KCl + 0.25 lbs/sk l locele	359	100%	13.6	1.13
Production	7 7/8	5.000'	50/50 Poz/Class G w/ 3% KCl + 2%	1083	25%	13.2	1.24
Tail	7 7/6	3,000	bentonite	873	23%	13.2	1.24

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 25% excess.

#### 6. Type and Characteristics of Proposed Circulating Medium

#### **Interval** Description

Surface - 500' An air and/or fresh water system will be utilized.

500' - TD A water based mud system will be utilized. Hole stability may be improved

with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite,

and if conditions warrant, with barite.

Anticipated maximum mud weight is 9.5 ppg.

#### 7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the

surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to

the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

#### 8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.47 psi/ft gradient.

$$8,000' \text{ x} \quad 0.47 \quad \text{psi/ft} = 3744 \quad \text{psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

#### 9. Other Aspects

This is planned as a vertical well.

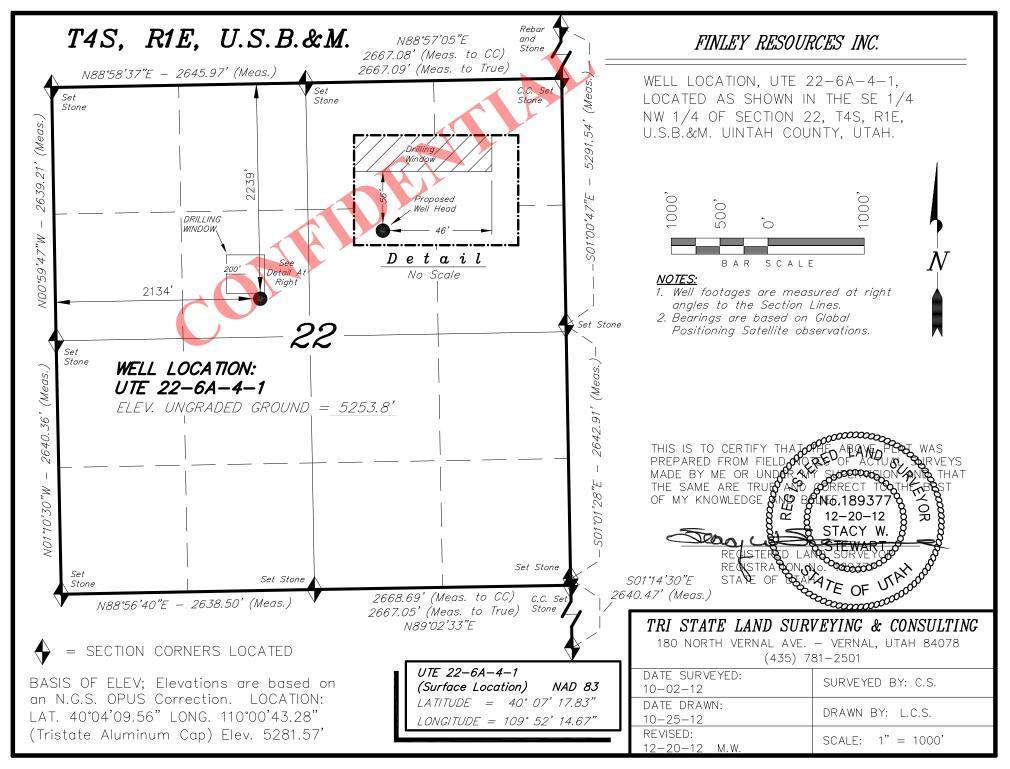
Variance Request for FIT Requirements:

Finley Resources, Inc. respectfully requests a variance to Onshore Order 2, Section III, Part Bi, for the Pressure integrity test (PIT, also known as a formation integrity test (FIT)). This well is not an exploratory well and is being drilled in an area where the formation integrity is well known. Additionally, when an FIT is run with the mud weight as required, the casing shoe frequently breaks down and causes subsequent lost circulation when drilling the entire depth of the well.

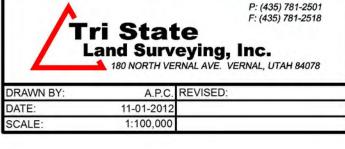
Variance Request for Air Drilling Requirements:

Finley Resources, Inc. respectfully requests a variance to Onshore Order #2, III.E.1

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore. Variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the wellbore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.
- Air drilling operations will be conducted only during drilling of the surface casing
  hole, there is no history of hydrocarbons being encountered in this hole section in
  the area where these wells are to be drilled.



API Well Number: 43047535450000 **Access Road Map** Bendh Gusher LT-40 FORT DUCHESNE Fort Duchesne BALLARD Geging Station ± 6.8 mi. Independence RANDLETTIO TOW FORK. ZIMAL Windy **Proposed Location** BENCH LELAND UTE 22-6A-4-1 Legend Existing Road See Topo "B" Proposed Road P: (435) 781-2501 F: (435) 781-2518 **FINLEY RESOURCES INC.** N UTE 22-6A-4-1 ri State SEC. 22, T4S, R1E, U.S.B.&M.

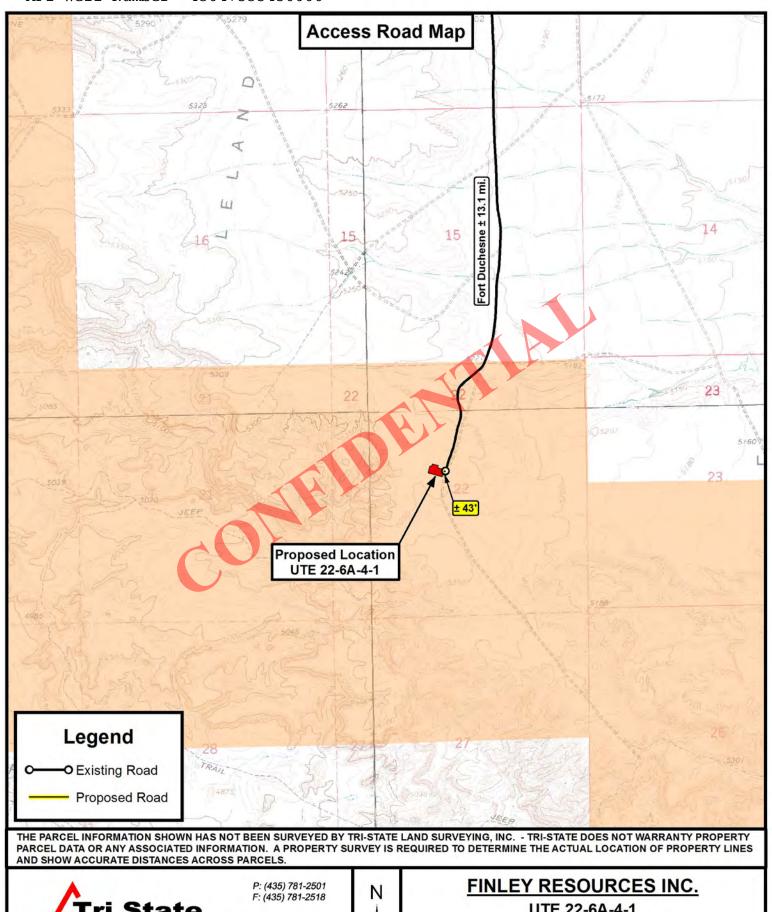


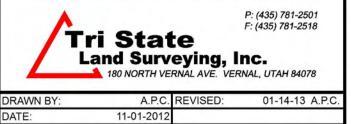
Uintah County, UT.

TOPOGRAPHIC MAP

SHEET

API Well Number: 43047535450000





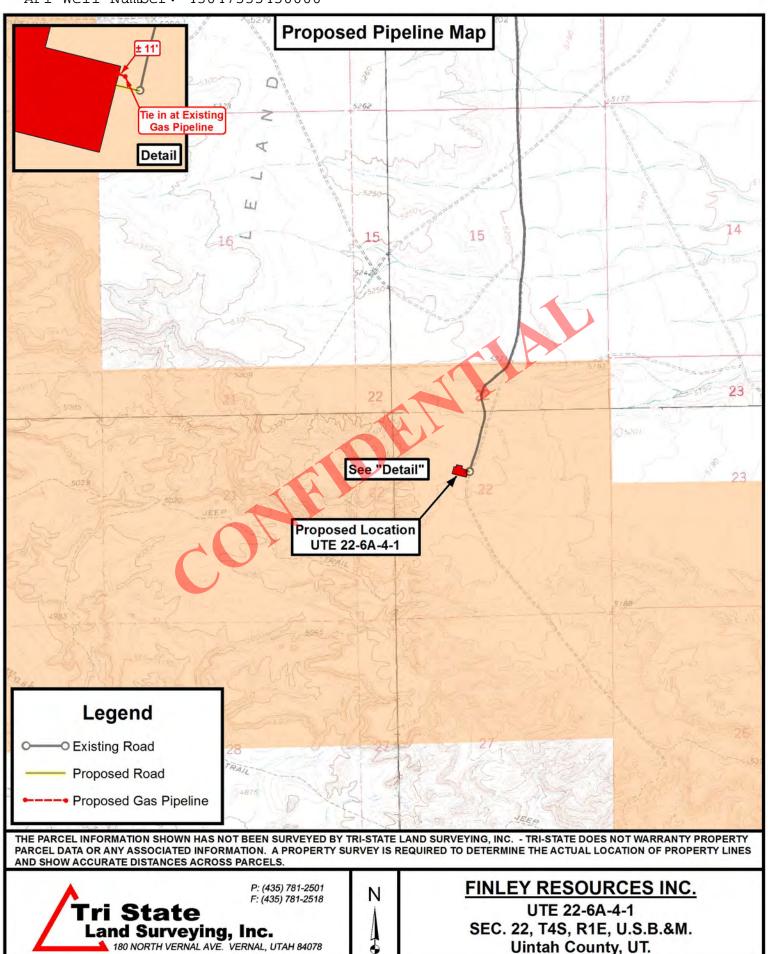
1 " = 2,000

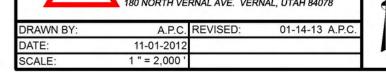
SCALE:

UTE 22-6A-4-1 SEC. 22, T4S, R1E, U.S.B.&M. Uintah County, UT.

TOPOGRAPHIC MAP





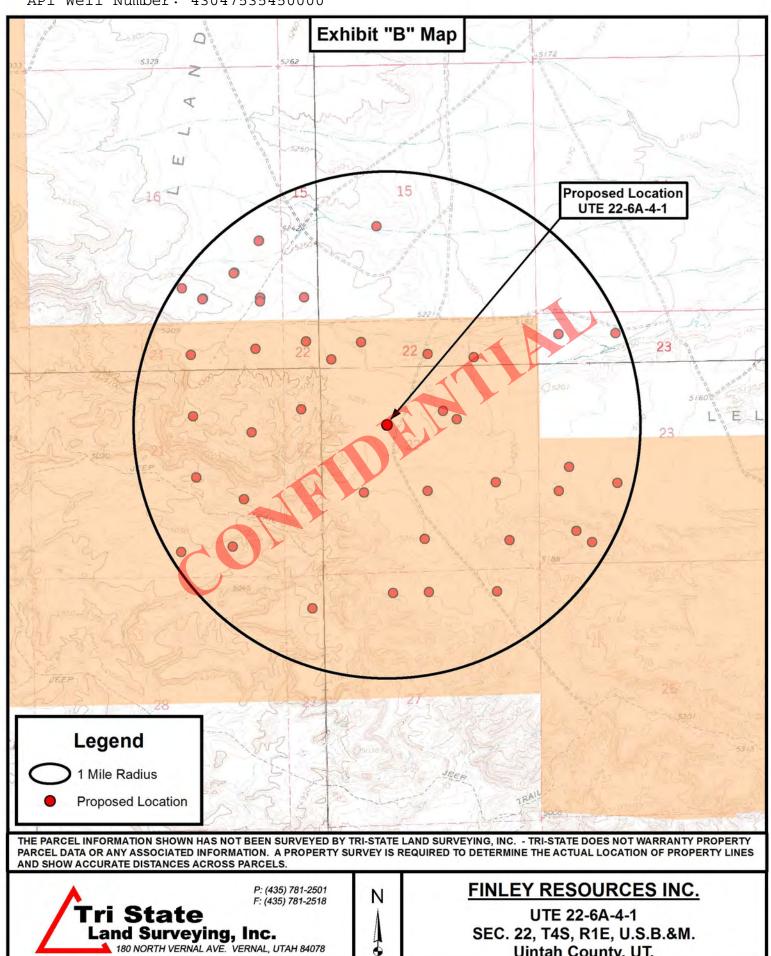


SEC. 22, T4S, R1E, U.S.B.&M. **Uintah County, UT.** 

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43047535450000



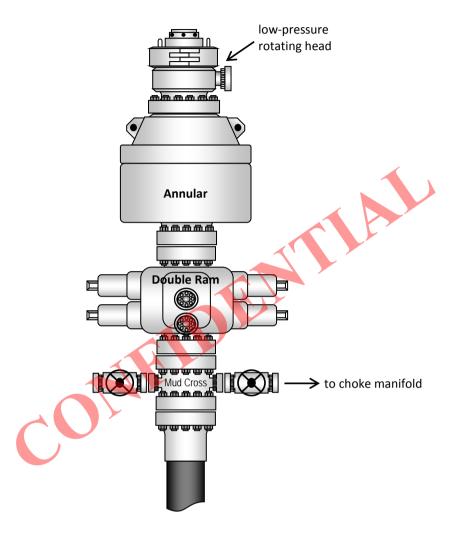
A.P.C. REVISED: DRAWN BY: 01-14-13 A.P.C DATE: 11-01-2012 SCALE: 1 " = 2,000

Uintah County, UT.

TOPOGRAPHIC MAP

SHEET D

**Typical 5M BOP stack configuration** 



API Well Number: 43047535450000



2580 Creekview Road Moab, Utah 84532 435/719-2018

January 23, 2013

Mrs. Diana Mason State of Utah Division of Oil Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Finley Resources, Inc. - **Ute 22-6A-4-1** 2239' FNL & 2134' FWL, SE/4 NW/4, Section 22, T4S, R1E, USB&M Uintah County, Utah

#### Dear Diana:

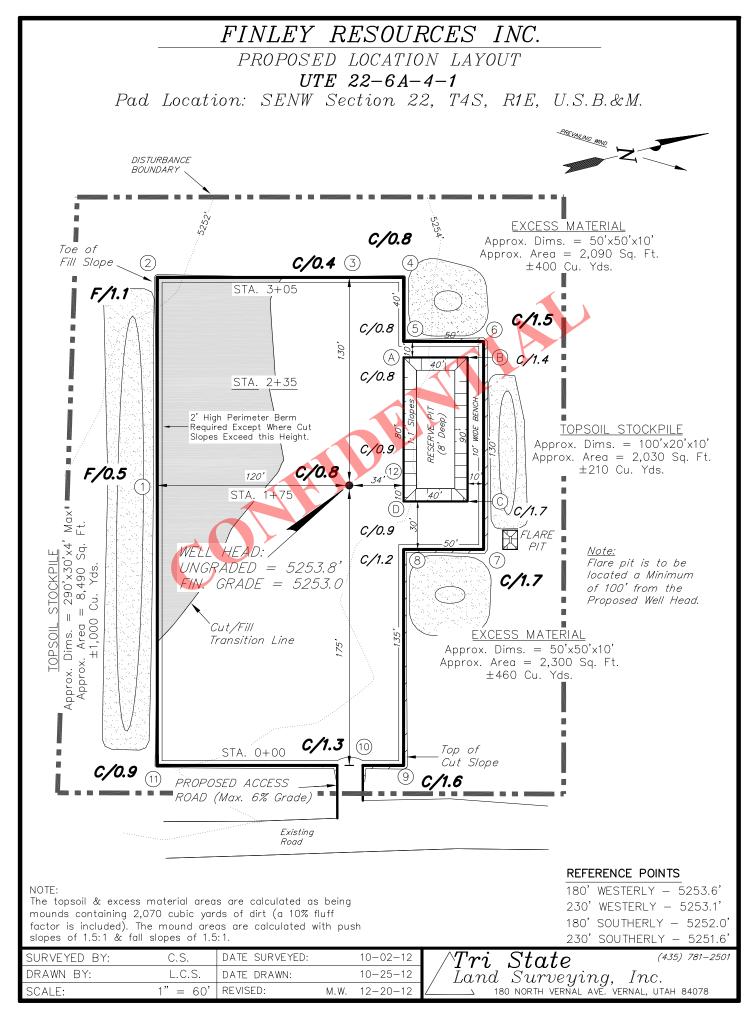
Finley Resources, Inc. respectfully submits this request for exception to spacing (R649-3-2) based on topography since the well is located less than 460 feet to the drilling unit boundary. Finley Resources, Inc. is the only owner and operator within 460 feet of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

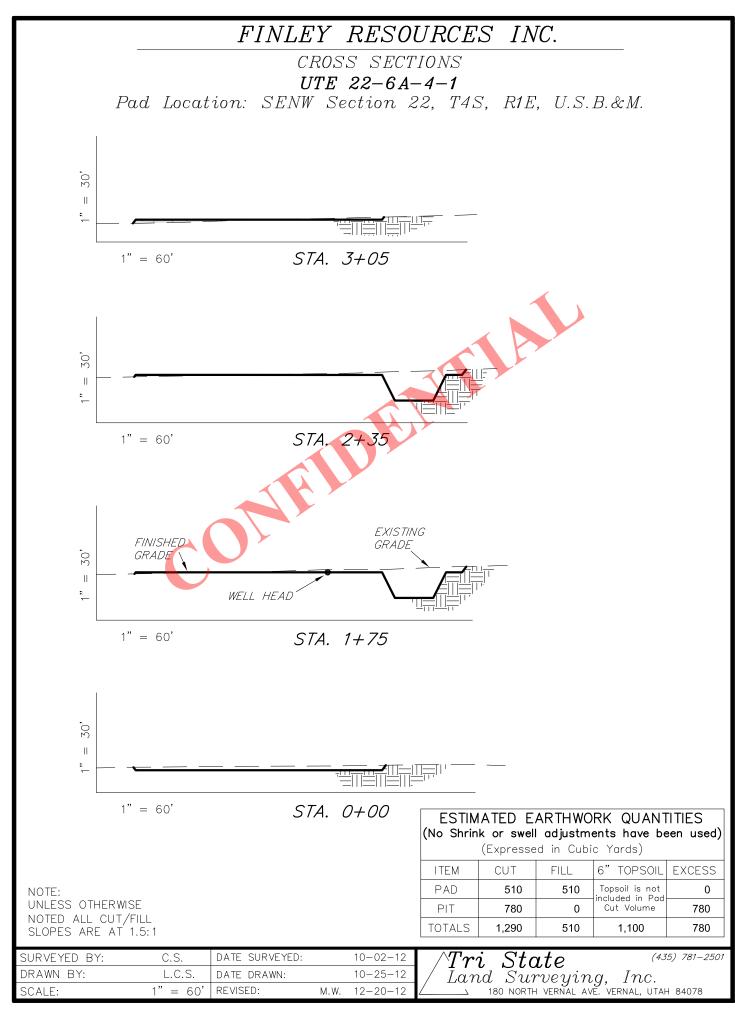
Thank you very much for your timely consideration of this application. Please feel free to contact Zachary Archer of Finley Resources, Inc. at 817-231-8759 or myself should you have any questions or need additional information.

Sincerely,

Don Hamilton Agent for Finley Resources, Inc.

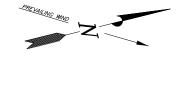
cc: Zachary Archer, Finley Resources, Inc.

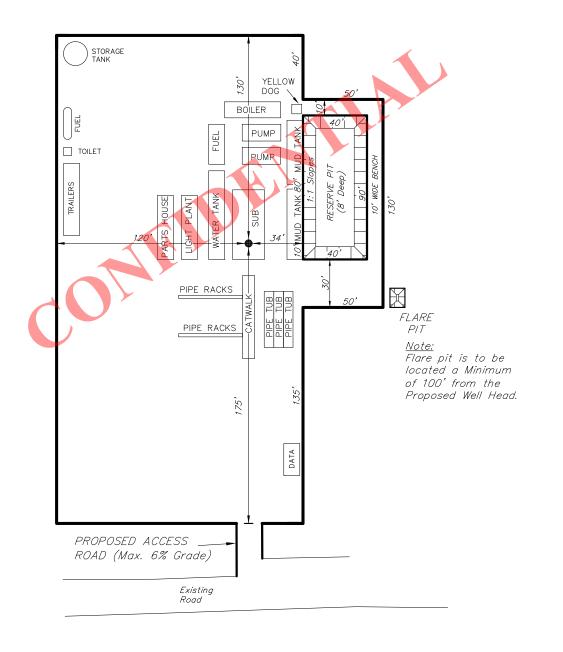




# FINLEY RESOURCES INC. TYPICAL RIG LAYOUT UTE 22-6A-4-1

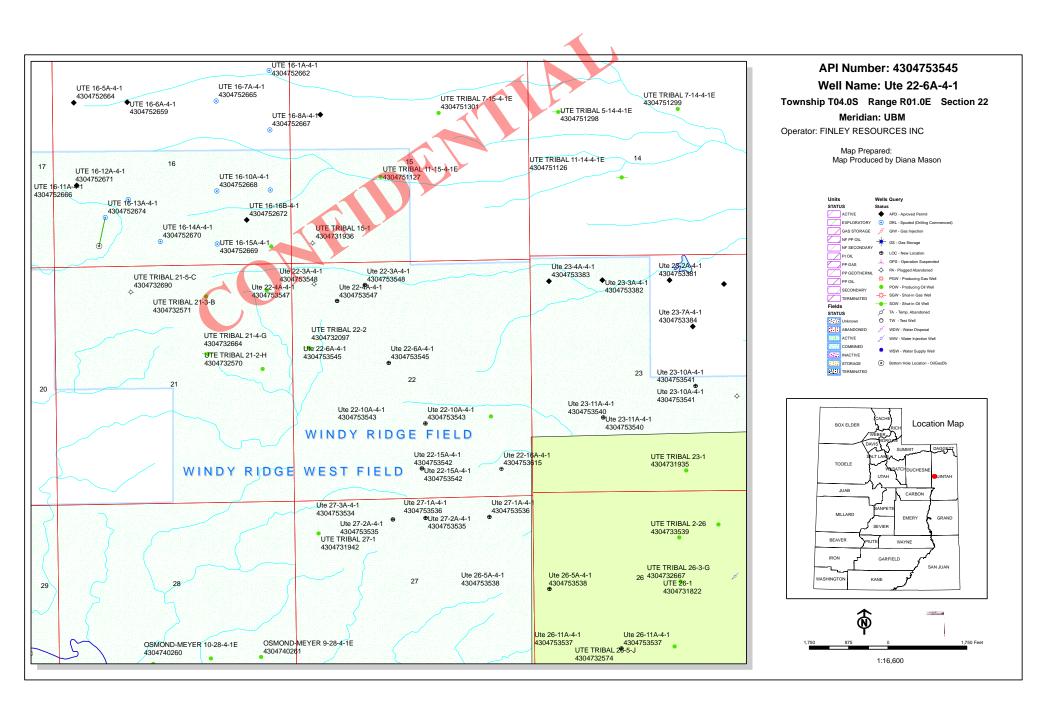
Pad Location: SENW Section 22, T4S, R1E, U.S.B.&M.





SURVEYED BY:	C.S.	DATE SURVEYED:		10-02-12
DRAWN BY:	L.C.S.	DATE DRAWN:		10-25-12
SCALE:	1" = 60'	REVISED:	M.W.	12-20-12

 $NTri~State \ Land~Surveying,~Inc. \ 180~NORTH~VERNAL~AVE.~VERNAL, UTAH 84078$ 



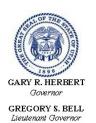
#### **WORKSHEET** APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED: 1/23/2013** API NO. ASSIGNED: 43047535450000 WELL NAME: Ute 22-6A-4-1 **OPERATOR:** FINLEY RESOURCES INC (N3460) PHONE NUMBER: 435 719-2018 **CONTACT:** Don Hamilton PROPOSED LOCATION: SENW 22 040S 010E Permit Tech Review: SURFACE: 2239 FNL 2134 FWL **Engineering Review: BOTTOM: 2239 FNL 2134 FWL** Geology Review: **COUNTY: UINTAH LATITUDE**: 40.12162 ONGITUDE: -109.87080 **UTM SURF EASTINGS: 596218.00** NORTHINGS: 4441867.00 FIELD NAME: WINDY RIDGE LEASE TYPE: 2 - Indian LEASE NUMBER: 14-20-H62-4901 PROPOSED PRODUCING FORMATION(S): UTELAND BUTTE SURFACE OWNER: 2 - Indian **COALBED METHANE: NO RECEIVED AND/OR REVIEWED:** LOCATION AND SITING: ✓ PLAT R649-2-3. Bond: INDIAN - RLB0011294 Unit: **Potash** R649-3-2. General Oil Shale 190-5 R649-3-3. Exception Oil Shale 190-3 **Drilling Unit** Oil Shale 190-13 Board Cause No: R649-3-3 Water Permit: 43-8496 **Effective Date: RDCC Review:** Fee Surface Agreement Siting: Intent to Commingle R649-3-11. Directional Drill **Commingling Approved** 

Comments: Presite Completed

Stipulations: 1 - Exception Location - dmason

4 - Federal Approval - dmason 23 - Spacing - dmason



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

#### Permit To Drill

\*\*\*\*\*\*

Well Name: Ute 22-6A-4-1 API Well Number: 43047535450000 Lease Number: 14-20-H62-4901

Surface Owner: INDIAN Approval Date: 2/25/2013

#### Issued to:

FINLEY RESOURCES INC, PO Box 2200, Fort Worth, TX 76113

#### **Authority:**

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the UTELAND BUTTE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### **Exception Location:**

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being

drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

#### Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
  - Requests to Change Plans (Form 9) due prior to implementation
  - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
  - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Sundry Number: 46789 API Well Number: 43047535450000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE		5.LEASE DESIGNATION AND SERIAL NUMBER:
	DIVISION OF OIL, GAS, AND MIN	IING	14-20-H62-4901
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute In
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizo n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL			8. WELL NAME and NUMBER:
Oil Well			Ute 22-6A-4-1
2. NAME OF OPERATOR: FINLEY RESOURCES INC			9. API NUMBER: 43047535450000
3. ADDRESS OF OPERATOR: PO Box 2200 , Fort Worth,	TX, 76113 817 231-8	PHONE NUMBER: 735 Ext	9. FIELD and POOL or WILDCAT: WINDY RIDGE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2239 FNL 2134 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 22 Township: 04.0S Range: 01.0E Merio	dian: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
10/15/2014	_		
_	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
40 DECORIDE PROPOSED OR	COMPLETED OPERATIONS. Clearly show		dantha walionaa ata
	nc. requests a one year drill		Approved by the
	. This is the first extension t	• .	
			Oil, Gas and Mining
			Date: January 13, 2014
			Da col 100
			By:
			7 -
		I	
NAME (PLEASE PRINT) Don Hamilton	<b>PHONE NUMB</b> 435 719-2018	ER TITLE Permitting Agent (Star Poin	nt Enterprises, Inc.)
SIGNATURE		DATE	
N/A		1/10/2014	

Sundry Number: 46789 API Well Number: 43047535450000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047535450000

**API:** 43047535450000 **Well Name:** Ute 22-6A-4-1

Location: 2239 FNL 2134 FWL QTR SENW SEC 22 TWNP 040S RNG 010E MER U

Company Permit Issued to: FINLEY RESOURCES INC

**Date Original Permit Issued: 2/25/2013** 

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

i onowing is a checklist of some items related to the application	i, willou should be verified.
<ul> <li>If located on private land, has the ownership changed, if Yes</li> <li>No</li> </ul>	so, has the surface agreement been updated? 🔵
<ul> <li>Have any wells been drilled in the vicinity of the propose requirements for this location?  Yes No</li> </ul>	ed well which would affect the spacing or siting
<ul> <li>Has there been any unit or other agreements put in place proposed well?</li> <li>Yes</li> <li>No</li> </ul>	e that could affect the permitting or operation of this
<ul> <li>Have there been any changes to the access route including proposed location?</li> <li>Yes</li> <li>No</li> </ul>	ng ownership, or rightof- way, which could affect the
• Has the approved source of water for drilling changed?	◯ Yes ◉ No
<ul> <li>Have there been any physical changes to the surface local plans from what was discussed at the onsite evaluation?</li> </ul>	
• Is bonding still in place, which covers this proposed well	? 📵 Yes 🔵 No
Signature: Don Hamilton	<b>Date:</b> 1/10/2014

Title: Permitting Agent (Star Point Enterprises, Inc.) Representing: FINLEY RESOURCES INC

RECEIVED: Jan. 10, 2014

Form 3160-3 (August 2007)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AN 2 2 2013

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

BUREAU OF LAND	MANAGEMENT JAN 2 2 2013	3. Lease Serial No. 1420H624901
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Name
la. Type of Work: 🔞 DRILL 🔲 REENTER	CONFIDENTIAL	7. If Unit or CA Agreement, Name and No.
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ O	Other Single Zone Multiple Zone	8. Lease Name and Well No. UTE 22-6A-4-1
FINLEY RESOURCES, INC. E-Mail: starpo	t: DON S HAMILTON int@etv.net	9. API Well No. 43-047-53545
3a. Address P.O. BOX 2200 FT. WORTH, TX 76113	3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019	10. Field and Pool, or Exploratory N/A
4. Location of Well (Report location clearly and in accord	lance with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area
At surface SENW 2239FNL 2134FW	L 40.121619 N Lat, 109.870742 W Lon	Sec 22 T4S R1E Mer UBM
At proposed prod. zone SENW 2239FNL 2134FW	L 40.121619 N Lat, 109.870742 W Lon	·
<ol> <li>Distance in miles and direction from nearest town or post</li> <li>13.1 MILES SOUTH OF FT DUCHESNE, UTAH</li> </ol>	office*	12. County or Parish UINTAH 13. State
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16 No of Acres in Lagra	17. Spacing Unit dedicated to this well
2134	640.00 MAY <b>0 8</b> 2014	40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth DIV. OF OIL, GAS & MINI	20. BLM/BIA Bond No. on file
1160	8000 MD 8000 TVD	NG RLB0011294
21. Elevations (Show whether DF, KB, RT, GL, etc. 5254 GL	22. Approximate date work will start 01/30/2013	23. Estimated duration 60 DAYS
·	24. Attachments	
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to tl	nis form:
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off</li> </ol>	em Lands, the 15. Operator certification	ormation and/or plans as may be required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 01/21/2013
Title PERMITTING AGENT		
Approved by (Signature)	Name (Printed/Typed)  Jerry Kenczk	a MAY 06 2014
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFI	CE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Additional Operator Remarks (see next page)

Electronic Submission #187428 verified by the BLM Well Information System For FINLEY RESOURCES, INC., sent to the Vernal Committed to AFMSS for processing by ROBIN R. HANSEN on 01/24/2013 ()

NOTICE OF APPROVAL

UDOGN



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

API No:

**FINLEY RESOURCES INC** 

UTE 22-6A-4-1

43-047-53545

Location:

SENW, Sec. 22, T4S, R1E

Lease No:

14-20-H62-4901

Agreement: N

N/A

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER:** 

(435) 781-3420

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	<ul> <li>The Ute Tribe Energy &amp; Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.</li> </ul>
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	<ul> <li>Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy &amp; Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.</li> </ul>
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	<ul> <li>Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.</li> </ul>

Page 2 of 6 Well: UTE 22-6A-4-1 4/30/2014

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Company/Operator. Finley

Well Name & Numbers: Ute 22-3A-4-1, 22-4A-4-1, 22-6A-4-1, 22-10A-4-1, 22-15A-4-1, 22-16A-4-1, 23-9A-4-1, 23-10A-4-1, 23-11A-4-1, 25-3A-4-1, 26-5A-4-1, 27-1A-4-1, 27-2A-4-1, 27-3A-4-1

#### **CONDITIONS OF APPROVAL:**

- All areas of disturbance (including surface pipelines) must have appropriate surface use agreements or approvals in place with the proper owner and/or agency before such action is started.
- The conditions of approval, as set forth by those owners and/or agencies, shall be adhered to.

Page 3 of 6 Well: UTE 22-6A-4-1 4/30/2014

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- Surface casing cement will be circulated to surface.
- Cement for the Long String Shall be brought to 200' above surface casing shoe.

#### Variance Requests

All variances requested in the APD are approved.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.

Page 4 of 6 Well: UTE 22-6A-4-1 4/30/2014

• The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well by CD (compact disc).
   This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: UTE 22-6A-4-1 4/30/2014

#### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

Page 6 of 6 Well: UTE 22-6A-4-1 4/30/2014

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of
  a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval
  may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or
  abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
  Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
  plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
  casing left in hole, and the current status of the surface restoration.

CONFIDENTIAL

## BLM - Vernal Field Office - Notification Form

OperatorFINLEY RESOURCES	_ Rig Name/#
CAPSTAR 329 Submitted By	
RICH Phone Number <u>435-823-2503</u>	
Well Name/Number <u>UTE 22-6A-4-1</u>	
Qtr/Qtr <u>SENW</u> Section <u>22</u> Township <u>4</u>	IS
Range1E	
Lease Serial Number 14-20-H62-4901	
API Number 43-047-53545	
Spud Notice – Spud is the initial spudding of the we	ll not drilling
out below a casing string.	ii, iioc ariiiiig
Date/Time <u>6/9/2014</u> AM □ P	<b>M</b> $\Box$
<u>Casing</u> – Please report time casing run starts, not ce times.	menting
<ul> <li>Surface Casing</li> </ul>	
<ul> <li>Intermediate Casing</li> </ul>	
<ul> <li>Production Casing</li> </ul>	
<ul><li>Liner</li></ul>	
<ul> <li>Other</li> </ul>	
Date/Time 6/22/2014 8:00 A	Mo PMo
<u>BOPE</u>	
<ul> <li>Initial BOPE test at surface casing point</li> </ul>	
<ul> <li>BOPE test at intermediate casing point</li> </ul>	
□ 30 day BOPE test	
<ul> <li>Other</li> </ul>	
Date/Time AM O P	<b>M</b> o
Remarks	

## **BLM - Vernal Field Office - Notification Form**

Ope	erator <u>FINLEY RESOURCES</u>	Rig Name/
	CAPSTAR 329 Submitted By	
	H Phone Number <u>435-823-2503</u>	<del></del>
	l Name/Number <u>UTE 22-6A-4-1</u>	
Qtr/	Qtr <u>SENW</u> Section <u>22</u> Township <u>45</u>	
Ran	ge1E	
Leas	se Serial Number <u>14-20-H62-4901</u>	
API	Number 43-047-53545	
<u>Spu</u>	d Notice – Spud is the initial spudding of the well,	not drilling
out	below a casing string.	
	Date/Time AM	1 🗌
	ing – Please report time casing run starts, not cem	enting
time	Surface Casing	
H	Intermediate Casing	
H	Intermediate Casing Production Casing	
Ħ	Liner	
	Other	
	Date/Time6/27/148:00 AM	PM
<u>BOF</u>	<u>PE</u>	
	Initial BOPE test at surface casing point	
	BOPE test at intermediate casing point	
	30 day BOPE test	
	Other	
	Date/Time AM	1 🗍
		-

Remarks					
•		 	 		

	FORM 9						
ι	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4901						
SUNDR	6. IF INDIAI UTE	N, ALLOTTEE OR TRIBE NAME:					
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	7.UNIT or C	A AGREEMENT NAME:					
1. TYPE OF WELL Oil Well	8. WELL NA Ute 22-6	ME and NUMBER: A-4-1					
2. NAME OF OPERATOR: FINLEY RESOURCES INC	<b>9. API NUMBER:</b> 43047535450000						
3. ADDRESS OF OPERATOR: PO Box 2200 , Fort Worth,	TX, 76113 817 231-8		DNE NUMBER: Ext	9. FIELD and POOL or WILDCAT: WINDY RIDGE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2239 FNL 2134 FWL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SENW Section: 2	U	STATE: UTAH					
11. CHECH	K APPROPRIATE BOXES TO INDICA	TE N	ATURE OF NOTICE, REPOR	T, OR OTH	HER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION				
	ACIDIZE		ALTER CASING	☐ c	ASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	☐ ci	HANGE WELL NAME		
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	☐ c	DNVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	FRACTURE TREAT	□ NI	EW CONSTRUCTION		
	OPERATOR CHANGE	☐ F	PLUG AND ABANDON	PL	.UG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	☐ F	RECLAMATION OF WELL SITE	R	ECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	□ те	EMPORARY ABANDON		
	TUBING REPAIR		VENT OR FLARE	□ w	ATER DISPOSAL		
DRILLING REPORT     Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION	□ м	PD EXTENSION		
8/2/2014	WILDCAT WELL DETERMINATION		OTHER	OTHER:			
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	all ne	rtinent details including dates d		· <u> </u>		
	, ·		g	Ac Ut Oil, FOR	cepted by the cah Division of Gas and Mining RECORD ONLY ovember 04, 2014		
NAME (PLEASE PRINT) April Wilkerson	<b>PHONE NUM!</b> 817 231-8735	TITLE Reg & Enviro Analyst					
SIGNATURE N/A			<b>DATE</b> 11/4/2014				

UTE 22-6A-4-1 6/23/2014 1 RD and work on rig and wait on trucks. Move rig and RU. NU BOPE and safety mtg... Test BOP and related equipment to 3000# high. Install wear bushing. PU BHA and tag cement at 474[. Drill cement and shoe from 474' to 515'. Drill new hole from 515' to 925' (164 F/H). 925 2.5 \$

UTE 22-6A-4-1 6/24/2014 2 Safety mtg..Drill from 925' to 3537'. RS and function test BOP's. Surveys (5). 3537 21 \$

UTE 22-6A-4-1 6/25/2014 3 Drill from 3537' to 5282'. Safety mtg.and RS and function test BOP's. Surveys (3). 5282 21.5 \$

UTE 22-6A-4-1 6/26/2014 4 Drill from 5282' to 6709'. Safety mtg., RS and funciton test BOP. Surveys (3). 6709 20.5 \$

UTE 22-6A-4-1 6/27/2014 5 Drill from 6709' to TD of 7556'. Safety mtg.and RS and function test BOP's. Survey at 6895'. Circ.bottoms up, pump sweep, pump 280 bbl.high vis brine and pump dry pill. Drop survey. Lay down DP to 4200'. Check for flow and well flowing 3--4 GPM. Continue to lay down DP and BHA. Work thru tight spot at 4200' and then had trouble keeping wellbore full. Depth at report time is 1116' and POOH to trip for logs . 7556 15 \$

UTE 22-6A-4-1 6/28/2014 6 LDDP and BHA. Safety mtg.. RU Weatherford OH loggers and run OH logs. LTD=7556'. RD loggers. RU to run csg.and run 179 jts.of new 5-1/2" 15.5# LT&C J-55 csg.and start circ.out brine from 4900' to tag at 7556'. Land shoe at 7550' and float collar at 7500'. . 7566 0 \$

UTE 22-6A-4-1 6/29/2014 7 Wash down to TD of 7556'. Ran a total of 178 jts.of new 5-1/2" 15.5# LT&C J-55 csg..Correction: Shoe at 7542' and FC at 7498' KB. RU Halliburton cementers. Safety mtg...Cement production csg.with 40 bbl.of gel water, 10 bbl.fresh, 400 sxs.of 10.5 ppg lead and 700 sxs.of 12 ppg tail and wash up, drop plug and displace plug with 177 bbl.of cla-web water. No returns after dropping plug. Final circ.psi=1150#. Bump plug with 1650#. Float held. Bump plug at 12:35PM on 6/28/14. Lay down landing jt.and install BP valve in head. ND and clean pits and release rig at 6:00PM on 6/28/14. Rig down to move to Ute 22-10A-4-1 on 6/29/14.. 7566 0 \$

UTE 22-6A-4-1 5/20/2014 On 5/19/2014 MIRU J Wright construction. Start to clear off top soil. On 5/20/14 will cont.to work on access road and location. \$0

UTE 22-6A-4-1 5/21/2014 Should start digging out pit area on 5/21/14. \$0

UTE 22-6A-4-1 5/22/2014 On 5/21/14 started rocking location. On 5/22/14 should finish location. \$0

UTE 22-6A-4-1 5/29/2014 On 5/28/14 location is complete. \$0

UTE 22-6A-4-1 6/5/2014 On 6/4/14 MIRU Pete Martin bucket rig. Bucket drill 24" hole to 42'. Ran 40' of 16" pipe. Grout in. RDMO Pete Martin. RDUFA. \$0

UTE 22-6A-4-1 6/10/2014 On 6/9/14 MIRU Pro-Petro air drilling rig. Spud 12-1/4" hole at 8:00AM on 6/9/14. Air mist hole to 515'. Ran a survey at 500' and had 3/4\*. Ran a total of 12 jts.of 8-5/8" new 24# ST&C J-55 csg.to 507'. RDMO Pro-Petro. Will cement on 6/11/14. \$0

UTE 22-6A-4-1 6/12/2014 On 6/11/14 MIRU Pro-Petro cementers and cement 8-5/8" csg.as follows: Pump 40 bbl.of gel water, 10 bbl.of water and 360 sxs.of 15.8 ppg "G" cement with 1/4# flocele and 2% CaCl and drop plug and displace plug with 29 bbl.of water. Had 15 bbl.of good cement to surface. Hole standing full. SI the well. RDUFA. \$0

UTE 22-6A-4-1 7/7/2014 set tank rings, set tanks and treater today, 1 water tank and 2 oil tanks, and 1 treater(4x20), set walk way for tanks, marked out area for the flow line, \$

UTE 22-6A-4-1 7/8/2014 On 7/3/14 MIRU The Perforators. Run a CBL/VDL/GR log from tag at 7447' to surface. Top of lead cement est.at 350'. Correlated the log to the Weatherford compact triple combo. RDMO wireline company. \$

UTE 22-6A-4-1 7/9/2014 started on welding the flow line and trace line, started on plumbing the tanks and treater, took off the man way lids to install water drain lines for oil tanks, worked on pop off line from treater, \$

UTE 22-6A-4-1 7/10/2014 continued work on the flow line and trace line, finishing up treater, start on the 1" gas line and stainless lines, \$

UTE 22-6A-4-1 7/11/2014 installed vent lines for the production tanks, finishing up trace lines and flow line, finish up stainless work for gas lines to the burners on tanks and treater, get ready to pressure test tomorrow on trace line, \$0

UTE 22-6A-4-1 7/12/2014 pressure tested trace system, good test, held 500 psi, installed tank burners and stacks, cleaned up location and started on tank berm, ran gas sales line to main road for gas meter, \$

UTE 22-6A-4-1 7/14/2014 started insulating the treater and tanks, worked on flow line, \$0

UTE 22-6A-4-1 7/15/2014 started wrapping the tanks with insulation and putting the tin on, worked on the valves in front of the tank insulating them, started on the treater house, \$0

UTE 22-6A-4-1 7/16/2014 finished insulating flow lines and finished up treater building, cleaned up trash and moved out, \$

UTE 22-6A-4-1 7/18/2014 On 7/17/14 MIRU The Perforators. The frac tree had previously been installed and csg.and tree tested to 3500#. Perforate the following Wasatch intervals at 4 JPF and 90\* phasing using a 3-1/8" csg.gun: 7050-52'; 7072-74'; 7112-18'; 7140-44'; 7166-70' & 7238-40' (80 holes). No pressure prior to or after perforating. Hole was full of water. SIFN. Scheduled to start fracing on 7/18/14. \$0

UTE 22-6A-4-1 7/20/2014 Ute 22-6A-4-1: Frac of well for report date of 7/20/14 for 7/19/14 fracs: Zone #1: Wasatch interval 7050-7240': SICP=200#. Frac with 1500 gal.of 15% HCL 20# x-link gel w/70M# 20/40 mesh sand, total 1493 bbl..Max.rate=62; Ave=57; Max.psi=3207#; Ave=2893#; ISIP=2478# (.78) .frac plug @7040'. Zone #2: Uteland Butte intervals: 6810-12'; 6832-34'; 6844-46'; 6879-81'; 6929-31'; 6936-38'; 6951-53'; 6959-61'; 7008-10' & 7022-24' (60 holes).. perforated w/ 18# gel 1000 gal. 15% HCL ,100M# 20/40 sand , total load 1463 bbl..Max.rate=61; Ave=60 BPM; Max.psi=3343#; Ave=3018#; ISIP=2267# (.76). comp.frac plug @6790'.Zone #3: Castle Peak intervals: 6650-53'; 6755-59' & 6765-68' (30 holes). Frac w/ 18# HYBRID system 65M# 20/40 sand total load 1419 bbl..Max.rate=61; Ave=57; Max.psi=3347#; Ave=2939#; ISIP=1981# (.73). frac plug @ 6620'. Zone #4: Castle Peak: 6566-72' (18 holes). Frac w/ 18# x-link system using 50M# of 20/40 sand total load of 730 bbl..Max.rate=44; Ave=43 BPM; Max.psi=3264#; Ave=2822#; ISIP=1945# (.73); frac plug @ 6550'. Zone #5: Douglas Creek/Black Shale/Castle Peak: 6391-95'; 6494-6500' & 6505-07' (36 holes). Frac w/ 18# x-link gel 80M# of 20/40 sand, total load of 1002 bbl..Max.rate=60; Ave=59 BPM; Max.psi=3236#; Ave=2995#; ISIP=2450# (.81). frac plug @ 6330'. Zone #6: Douglas Creek: 6130-32'; 6243-45'; 6256-58'; 6270-72' & 6283-88' (39 holes). Frac w/ 18# HYBRID system 125M# of 20/40 sand , total load of 2520 bbl..Max.rate=61; Ave=60.4; Max.psi=3597#; Ave=2925#; ISIP=2174# (.78). frac plug @ 6080'. Zone #7: Garden Gulch/Douglas Creek: 5716-20'; 5818-23' & 5912-16'. Frac w a 18# x-link water system 79M# of 20/40 sand total load of 1044 bbl..Max.rate=61; Ave=61; Max.psi=3075#; Ave=2732#; ISIP=1877# (.75). frac plug @ 5600'. Zone #8: Garden Gulch: 5356-60'; 5394-98' & 5416-20' (36 holes). Frac w/ 18# HYBRID system 75M# of 20/40 sand , total load 1516 bbl..Max.rate=61; Ave=60 BPM; Max.psi=3594#; Ave=2804: ISIP=2135#; (.83). frac plug at 5300'.Zone #9: Garden Gulch interavls: 5104-06'; 5206-10' & 5218-22' (30 holes). Frac this w/ 18# x-link gel using 61M# of 20/40 sand load of 850 bbl..Max.rate=63; Ave=61; Max.psi=3751#; Ave=2496#; ISIP= 1674#; (.75 ). SI the well at 8:00PM 7/19/14.. Total load to recover is 12215 bbl.. After a 3 hour SI period SICP=1225#. Open well 18/64" choke, flow the well overnight and at 6:00AM on 7/20/14 FCP=875# on a 18/64" choke current rate of 90 bbl.per hr with no sand or oil and 100% frac water. recovered 670 bbl.in the last 7 hours. Continue to flow. LLR=11545 bbl.Multi-Chem scale inhibitor #2510t at a rate of 0.5 gpt in all pumped fluids. \$

UTE 22-6A-4-1 7/21/2014 On 7/20/14 continue to flow the well back to frac tank overnight following frac work on various chokes. At 6:00AM on 7/21/14 FCP=75# on a 24/64" choke at a rate of 20 bbl.per hour with a slight show of oil occasionally and no gas with a current flow rate of 20 bbl.per hour with a total recovery in the last 24 hours of 1500 bbl.and a cumulative recovery of 2170 bbl..Expect the well to be SI in the next few hours due to low flow rate. LLR is 10045 bbl. \$

UTE 22-6A-4-1 7/23/2014 Final flowback report following frac work. ON 7/21/14 continue to flow the well until noon on 7/21/14 when the final FCP=0# at a rate pf 15 bbl.per hour and a final oil cut of 2%. Recovered an additional 130 bbl.in the last 6 hours for a LLR=9915 bbl..SI the well at noon on 7/21/14. RDUFA. \$

UTE 22-6A-4-1 7/25/2014 On 7/24/14 MIRU Monument WS. Have safety mtg..MIRU The Perforators WL. SICP=500#. Set a comp.BP at 4950'. RD WL. Bled off well. RD frac head. NU BOP's. Tally and rabbit in the hole with 4-5/8" mill and pump off bit sub assembly and new 2-7/8" tbg.to 4900' and SIFN. On 7/25/14 will start to drill out plugs. \$

UTE 22-6A-4-1 7/26/2014 On 7/25/14 SITP and SICP=0#. Continue to RIH with mill and tbg.and drill out comp.BP at 4950'. Drill out with no kick. Continue in the hole and drill comp.frac plugs at 5600'; 6080'; 6330'; 6550'; 6620'; 6790' and 7040'. Circ.hole clean. SIFW. On 7/28/14 will continue to clean out well. \$

UTE 22-6A-4-1 7/29/2014 On 7/28/14 SITP=0# with float in string and SICP=200#. Safety mtg..Bled off csg..Continue in the hole and drill out comp.frac plug at 7040'. Tag fill at 7350' and circ.out fill to PBTD of 7490'. Circ.hole clean and spot biocide and corrosion inhib..POOH with mill. RIH with production tbg.and SIFN. On 7/29/14 will set anchor and ND BOP's and NUWH and run rods and pump. \$

UTE 22-6A-4-1 7/30/2014 On 7/29/14 safety mtg..SITP and SICP=0#. Attempt to set TAC and would not set. POOH with tbg..Make up new TAC and RIH with production tbg..Set TAC with 12M# tension. ND BOP's and NUWH. Prepare to run rods and pump on 7/30/14. Tbg.Detail to follow. \$

UTE 22-6A-4-1 7/31/2014 On 7/30/14 Safety mtg..SITP=0# and SICP=100#. Bled off csg..Bucket test pump. Flush tbg.with hot KCL water. RIH with rods and pump. Seat pump and long stroke to 800#--OK. Space out and clamp rods off. RD hot oiler and RDMO Monument WS. Turn well over to production department. Final report of well completion. Tbg.Detail: BP=0.85'; 5 jts.of tbg.=162.85'; Perf.sub:=4.1'; SN=1.10'; 12 jts.of tbg.=390.75'; TAC=2.8'; 203 jts.tbg.=6614.87'; Stretch=1.46'; KB=13'. all tbg.is new 2-7/8" EUE 8rd J-55 6.5# Pump: 2-1/2"x1-1/2"x16' RHAC with 20' dip tube. Rods: 10-4'x1" stabilizers; 10-1-1/2" sinker bars; 10-3/4" guided rods; 150-3/4" slick rods; 107-7/8" slick rods; 1-4'; 6'x7/8" pony rods; 1-1/2"x26' polish rod. \$

UTE 22-6A-4-1 8/1/2014 built pumping unit pad, set 456 shores pumping unit, hooked in trace system and gas lines to motor, hung well off on pumping unit, started motor and check trace system for circulation, started fires in tanks and treater, let trace system warm up and turn well on tomorrow, \$

UTE 22-6A-4-1 10/8/2014 JSA, safety meeting, unhang head and unseat pump. RU hot oiler and flush tubing w/40 bbls. Strip on table and TOOH w/rods. Got 29 pulls out , RU hot oiler and flush w/20 bbls. Continue to TOOH, LD 103 wore 3/4" rods (3300' to 5875'. LD weight bars and pump. X-over blocks for tubing, ND wellhead, release TAC, NU BOP. TOOH w/tubing. Got 55 stands out and tubing came in. Pumped 20 bbls down tubing to kill well. Continue to POOH, found hole in joint 161. LD and finish POOH. MU bit and bit sub, TIH. PU 12 work joints and RIH to 7515'. No fill. LD work joints, TOOH w/20 stands. Secure well, SDFN. \$

UTE 22-6A-4-1 10/9/2014 JSA, Safety meeting. RU hot oiler and flush tubing w/40 bbls. Open up well and TOOH w/tubing. Got 80 stands out and flushed w/25 bbls. Finish TOOH w/tubing, broke out bit and bit sub, MU BHA, RU hydrotester and tested 100 joints. LD 24 bad joints. RD hydrotester and finish TIH. PU 24 new joints, ND BOP, set TAC, NU wellhead, X-over blocks for rods, secure well, SDFN. Tubing detail as follows: 203 joints, TAC (6638') 12 joints, PSN (7029') 1 joints, 1 4'sub, Cavens desander, 4 joints, bullplug. EOT @ 7197. BAD joints

#174,172,173,170,171,166,167,164,165,162,163,160,161,158,159,156,157,154,155,152,153,140,141 \$

UTE 22-6A-4-1 10/10/2014 JSA, Safety meeting. Flush tubing w/40 bbls. Strip on table, PU and prime new pump. PU 10 K-bars w/stab subs, RIH w/10 guided 3/4", PU 25 more guided 3/4" and RIH,

alternating every other rod w/3/4" slick. Finish RIH  $w/100\ 3/4$ " slick, 107 slick 7/8", 2-6'X7/8 and 1-4'X7/8" pony rods. PU polished rod and seat pump. Fill w/12 bbls and test to 800 psi. Good test. Hang horse head, RDMO. Return well to production. NOTE: 75 3/4" rods had some wear on the shoulders. Replaced 100 3/4" rod boxes. \$

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES											AMENDED REPORT FORM 8 (highlight changes)					
DIVISION OF OIL, GAS AND MINING											5. 1	5. LEASE DESIGNATION AND SERIAL NUMBER:				
WELI	L CON	/IPLE	TION	OR I	RECC	MPL	ETIC	N RI	EPOR	T ANI	D LOG	6. 1	F INDIAN, A	LLOTTEE OR TRI	BE NAME	
1a. TYPE OF WELL:	:	(	OIL C		GAS WELL		DRY [		OTHE	R		7. \	JNIT or CA A	AGREEMENT NAM	1E	
b. TYPE OF WORK	(: HORIZ. L LATS. L	7 [	DEEP-	7	RE- ENTRY	7	DIFF. RESVR.	7	ОТНЕ	-R		8. \	WELL NAME	and NUMBER:		
2. NAME OF OPERA												9. /	API NUMBER	₹:		
3. ADDRESS OF OPERATOR:  CITY STATE ZIP  PHONE NUMBER:										10 1	10 FIELD AND POOL, OR WILDCAT					
4. LOCATION OF W AT SURFACE:	ELL (FOOT		0111			OTATE		Z11		l		11.	QTR/QTR, S MERIDIAN:	SECTION, TOWNS	SHIP, RANGE,	
AT TOP PRODUC	CING INTER	RVAL REPO	ORTED BE	ELOW:												
AT TOTAL DEPT	H:											12.	12. COUNTY 13. STATE UTAH			
14. DATE SPUDDED:  15. DATE T.D. REACHED:  16. DATE COMPLETED:  ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL):												, RT, GL):				
18. TOTAL DEPTH:	MĐ TVD			19. PLUG	BACK T.E	D.: MD TVD			20. IF M	IULTIPLE C	OMPLETIONS, H	OW MANY? *	21. DEPTI PLU	H BRIDGE MD IG SET:		
22. TYPE ELECTRIC		ER MECHA	NICAL LO	OGS RUN (	(Submit cop		)			23.				IVL	,	
										WAS DST	L CORED? RUN? NAL SURVEY?	NC NC	YE	ES (Subr	nit analysis) nit report) nit copy)	
24. CASING AND LI	NER RECO	RD (Repor	t all strinç	gs set in w	rell)											
HOLE SIZE	HOLE SIZE SIZE/GRADE WEIGHT (#/ft.)					TOP (MD) BOTTOM (MD)				STAGE CEMENTER CEMENT TYPE & NO. OF SACKS			JRRY ME (BBL)	CEMENT TOP **	AMOUNT PULLED	
25. TUBING RECOR			1				1			1			<del>- 1</del>			
SIZE	DEPTH	H SET (MD)	PACI	KER SET (	MD)	SIZE		DEPTH	I SET (MD)	PACKE	R SET (MD)	SIZE	DE	PTH SET (MD)	PACKER SET (MD)	
26. PRODUCING IN	TERVALS		<del>-</del>							27. PERFO	RATION RECOR	D				
FORMATION	NAME	TO	P (MD)	BOTTO	OM (MD)	TOP	(TVD)	вотто	M (TVD)	INTERVA	AL (Top/Bot - MD)	SIZE	NO. HOLE	S PERFOR	RATION STATUS	
(A)														Open	Squeezed	
(B)														Open	Squeezed	
(C)														Open	Squeezed	
(D)														Open	Squeezed	
28. ACID, FRACTUR	RE, TREATI	MENT, CEN	IENT SQL	JEEZE, ET	c.		J		-							
DEPTH I	INTERVAL								AMC	OUNT AND	TYPE OF MATER	IAL				
00 F1121 25== :		<u> </u>												1_,		
29. ENCLOSED ATT	ACHMENT	૪:										_		30. WEL	L STATUS:	
=	RICAL/MEC			D CEMENT	Γ VERIFIC <i>i</i>	ATION	=	GEOLOG	IC REPORT	$\equiv$	DST REPORT OTHER:	DIRE	CTIONAL SU	JRVEY		
				-			_		-							

(CONTINUED ON BACK)

31. INITIAL PRO	ODUCTION				INT	ERVAL A (As sho	wn in item #26)						
DATE FIRST PRODUCED: TEST DATE:				HOURS TESTER	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:			
CHOKE SIZE:	TBG. PRESS.	CSG. PRE	SS. API GR	AVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:		
	•	•	•		INT	ERVAL B (As sho	wn in item #26)	•	•	•	•		
DATE FIRST PR	RODUCED:	TEST DAT	E:		HOURS TESTER	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER – BBL:	PROD. METHOD:		
CHOKE SIZE:	TBG. PRESS.	CSG. PRE	SS. API GR	AVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:		
					INT	ERVAL C (As sho	wn in item #26)						
DATE FIRST PRODUCED: TEST DATE:				HOURS TESTER	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER – BBL:	PROD. METHOD:			
CHOKE SIZE:	TBG. PRESS.	CSG. PRE	SS. API GR	AVITY	BTU – GAS GAS/OIL RATIO		24 HR PRODUCTION RATES: →	N OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:		
					INT	ERVAL D (As sho	wn in item #26)	- I	1				
DATE FIRST PR	RODUCED:	TEST DAT	E:		HOURS TESTER	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:		
CHOKE SIZE:	TBG. PRESS.	CSG. PRE	CSG. PRESS. API GRAVITY		BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:		
32. DISPOSITIO	ON OF GAS (Sol	d, Used for Fu	iel, Vented, Etc	:.)	I		•			•	•		
33. SUMMARY	OF POROUS ZO	NES (Include	Aquifers):				:	34. FORMATIC	ON (Log) MARKERS:				
	ant zones of poros used, time tool op					n tests, including de	epth interval						
Formation Top Bottom (MD) (MD)					Descrip	otions, Contents, etc	<b>.</b>		Name		Top (Measured Depth)		
35 ADDITIONA	AL REMARKS (In	clude pluggin	na procedure)										
	(	o.uuo p.ugg	.g p. 000aa.0,										
36. I hereby cer	rtify that the fore	egoing and at	tached informa	ition is c	omplete and corr	ect as determined	from all available red	cords.					
NAME (PLEASE PRINT)							TITLE						
SIGNATURE							DATE						
				•									

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

Box 145801

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(5/2000)

RECEIVED: Nov. 04, 2014

<sup>\*</sup> ITEM 20: Show the number of completions if production is measured separately from two or more formations.